

MASSACHUSETTS
INSTITUTE OF TECHNOLOGY.

Lowell School of Practical Design.

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1891.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY.

Lowell School of Practical Design.

THE Lowell School of Practical Design was established in 1872, by the Trustee of the Lowell Institute, for the purpose of promoting Industrial Art in the United States. The Corporation of the Massachusetts Institute of Technology, having approved the purpose and general plan of the school as proposed by the Trustee of the Lowell Institute, assumed the responsibility of conducting it; and in the same year the first pupils were admitted.

The expenses of this school are borne by the Lowell Institute, and tuition is free to all pupils.

The school occupies a drawing-room and a weaving-room in the building of the Institute on Garrison Street. The weaving-room affords students an opportunity of working their designs into actual fabrics of commercial sizes and of every variety of material and of texture. The room is supplied with two chain-loom for fancy dress goods, three chain-loom for fancy woolen cassimeres, one gingham loom, and one Jacquard loom. The school is constantly provided with samples of all the novelties in textile fabrics from Paris, such as brocaded silks, ribbons, alpacas, armures, and fancy woolen goods.

Course of Study. — Students are taught the art of making patterns for prints, ginghams, delaines, silks, laces, paper-hangings, carpets, oil-cloths, etc. The course is of three years' duration, and embraces :

1. Technical manipulations;
2. Copying and variations of designs;
3. Original designs or composition of patterns;
4. The making of working drawings and finishing of designs.

Instruction is given personally to each student over his work, with occasional general exercises. Students supply their own instruments and materials, the cost of which is about \$5 per year.

The class is under the personal direction of MR. CHARLES KASTNER, assisted in the weaving department by Mr. Louis W. Clark, and in the designing department by Miss Ella Louise Shaw.

Requirements for Admission.—To teach drawing is not among the objects of this school. Applicants must therefore possess a knowledge of drawing adequate to enable them advantageously to begin the work of composition and design.

This implies a considerable degree of skill in freehand drawing from nature, especially in sketching leaves, flowers, and other objects which frequently supply the motives of designs, and also in the use of the brush for drawing outlines and laying flat color. Accuracy and readiness in drawing and an eye for color are required, rather than skill in shading or pictorial art.

Applicants for admission, or persons desiring further information regarding this school, may apply by letter to the Secretary of the Institute of Technology.

Regulations of the School.—The next school year will begin on the last Monday of September. The number of students in the school, with those to be admitted, will be limited to fifty-three. Examinations for applicants for admission will be held at 9 A.M. on Tuesday, Wednesday, and Thursday of the third week in September. Students are required to be regular in their attendance, the hours being from 9.30 A.M. to 12 M., and from 1 P.M. to 3.30 P.M. Only those students can be retained in the school who, after a fair and patient trial, are found to have some aptitude for the work. At the close of each half year the Director will, with the approval of the President of the Institute, convey the needed information to such students as shall be found gravely deficient in qualifications for an advantageous pursuit of their studies. No publication will be made of the fact, and such students will be left to withdraw as of their own motion.

The following extracts supply the answers to many question asked by persons contemplating the study of designing, and are therefore introduced as matter of interest to those for whom this circular is intended :

DESIGNING.

Designing is required in the manufacture of a great variety of goods : dress goods, carpets, oil-cloth, enamel cloth, wall paper, furniture, etc. A good designer commands a good salary. Designing requires great originality, and much practice in the combination of straight lines and curves in the form of scroll work, leaves, flowers, figures, etc. Flowers and leaves, from their multifarious and symmetrical forms, have always supplied a great proportion of the ideas used in architectural and other classes of design.

Those figures should be combined which bear some relation to one another, and which conform as nearly as may be to some one idea. It is better to have a few simple yet beautiful figures combined, which will present a symmetrical whole, readily understood, than a mass consisting of a great variety of figures, which, though beautiful in themselves, are displeasing from manifest lack of design.

Designing must be studied, in regard to the combination of figures, from the various works of art of the great masters. Flowers have always been popular as forming the basis for designs, and especially is this so at the present day. Designing requires a complete knowledge of the various forms and modifications of vegetation. The student should go to nature direct for his ideas ; and by studying from nature he is obliged to study its arrangements, while its forms are more completely impressed upon his mind, forming, what is necessary for the purpose, a storehouse to draw from at will, so that when needed he can bring forward the most appropriate design required for the purpose.

A student, or one desirous to master any particular branch of designing, in order to succeed must bring to it application and a determination to succeed if possible. For instance, a designer of wall paper should select patterns or copies of the most popular designs and study them thoroughly, so that he may know the reason for such success ; and he should become familiar with the groundwork of such designs, and then endeavor to evolve something original from his own mind, or at least try to combine what is most popular in what he sees. At first his efforts may be

crude, or may not suit him; but each attempt brings its lesson, and if he feels an inclination for the study he should persevere, and eventually he may accomplish what he aimed at, and find his talents crowned with success.

From what has been said, it will appear that success as a designer depends more upon the artistic taste and originality of the individual than upon prescribed methods. There are a few general principles, however, which may be stated without harm, though they will be intuitive with an original artist.

There must be adopted from nature some one or more of her designs as symbols of grace, beauty, strength, and order; and these four ideas must be manifest in every design, one or another being more prominent in accordance with the special subject under treatment.

I do not mean to be understood as advocating imitation, even of nature, *but the creation of ideas*, using nature's symbols. Simplicity should be a fundamental rule of the designer. He ought to understand the nature and tastes of the public for whom he creates, and govern himself accordingly in his endeavor to educate it up to his standard. He cannot force people to adopt ideas, however just, at once, but he can gradually lead them to an appreciation of the true and beautiful in art. — *Gately's Universal Educator*.

ABOUT BOOKS ON ART FOR STUDENTS.

It is often asked of artists, "What work shall I find to assist me in drawing and painting?" A difficult question to reply to. Generally one must first obtain knowledge before the ability to profit by directions, as capital is needed to get capital. Books of instruction are often pitched on too high a key. "The fodder is placed too high in the rack." It is so with lectures on art and elementary works. They are too learned. Recipes there are in plenty, and one may find English pamphlets with distinguished names at the art stores. It may, however, take an expert to interpret them. A guide should be intelligent to lead in the right path; otherwise the way must be retraced, with perhaps loss of strength. So a teacher should know just what first steps should be taken by the pupil. A few ideas from a master are better than wearisome days with a charlatan. A few practical hints from an expert while the work is in progress are worth more than books and lectures.

Dry and unprofitable for advancement must be that course of study given in some schools, which attach chief importance to hours of talk by a professor, who is more an art lawyer than an artist. In order to

have instruction of use in the production of pictures, it should proceed directly from the voice into the work in progress. "Line upon line, precept upon precept," is good if uttered into the ear while the hand directly puts it to practical use. The burning words need fusing into the work, and are not good if allowed to cool.—*Boston Transcript*.

GRADUATES

FROM THE

LOWELL SCHOOL OF PRACTICAL DESIGN.

The addresses of names marked with a † are not known to be correct
for the present year.

1875.

- J. EVERETT ANTHES Designer, Manchester Print Co.
236 Central Ave., Manchester, N. H.
- *ANNE W. BARNARD Deceased.
- JAMES B. FOLSOM Carpet Designer, Hartford Carpet Co.
Pierrepont House, Brooklyn, N. Y.
- †H. J. GREEN Teacher of Drawing.
South Boston, Mass.
- †HOWARD G. HINKLEY Public Designer.
Room 70, 28 School St., Boston.
- †MARY I. JEFFERSON Married.
Boston, Mass.
- ALEXANDER S. JOHNSTON With Vermont Central Co.
Room 70, 28 School St., Boston.
- ELIZABETH M. MENDUM Married.
Melrose Highlands, Mass.
- †HENRY W. MORSE Scenic Decorator.
New York, N. Y.

1876.

- CHARLES H. COWDERY Designer, Hamilton Manufacturing Co.
99 Chauncy St., Boston, Mass.
- EDGAR N. EAMES Designer, Arnold Print Works.
Leonard St., New York, N. Y.
- SELAH R. EATON Designer, Pacific Mills.
68 Chauncy St., Boston, Mass.
- CARROL S. FAUNCE Designer, Pacific Mills Print Works.
319 Broadway, New York, N. Y.
- †ERNEST R. PIERCE Physician.

-
- M. ELIZABETH RICKER (*Married*) At home.
Chelsea, Mass.

1877.

- †MARY E. FREDERICK . . . Married.
-
- CAROLINE S. GREENE . . . Teacher of Drawing.
145 W. Newton St., Boston, Mass.
- SAMUEL L. HUDSON . . . Sketch-maker, Cocheco Print Works.
Lawrence, Mass.
- HENRY P. MABILLE . . . Designer, American Print Co.
New York, N. Y.
- S. COTTON PENNOCK . . . Artist in Flower Painting.
16 Pemberton Sq., Boston, Mass.
- *WILLIAM O. SCHROEDER . . . Died June, 1880.
- *KATE T. SIMONDS . . . Deceased.
- †ANNIE D. STIMERS . . . Married.
Staten Island, N. Y.
- JOHN H. TARBELL . . . Designer.
124 Lexington Ave., New York, N. Y.

1878.

- FRANK HYDE . . . Designer, Arnold Print Works.
Leonard St., New York, N. Y.
- HARRIET A. PARKER (*Married*) . . Mrs. C. W. Smith.
40 Pine St., Zanesville, Ohio.
- CAROLINE L. STAFFORD . . . Married.
Blue Hill Ave., Boston, Mass.
- HARRY M. SYMMES . . . Designer, Merrimac Print Co.
70 Franklin St., Boston, Mass.
- FANNIE W. TEWKSBURY . . . Artist, Teacher of Water Colors,
110 Tremont St., Boston, Mass. Studio Building.
- CHARLES A. UNDERWOOD . . . Lumber Dealer.
236 La Salle St., Chicago, Ill.
- CHARLES A. WASHBURN . . . Color Mixer and Dyer, Sandford
23 Academy St., Amsterdam, N. Y. Carpet Co.
- REUBEN WINSLOW . . . Designer, Merrimac Print Co.
70 Franklin St., Boston, Mass.

1879.

- GEORGE A. ALBRO . . . Designer, Arnold Print Works.
New Rochelle, N. Y.
- ELIZABETH C. BEAN (*Married*) . . China Decorator, Watertown.
Watertown, Mass.
- †EVA M. CLOSE (*Married*),
East Boston, Mass.
- *CHARLES C. COX . . . Deceased.
- ABBOTT F. GRAVES . . . Teacher, Abbott Graves Art School.
143 Dartmouth St., Boston, Mass.
- †MINDORA KENNEDY . . . Artist (Wax Flowers).
Boston, Mass.

JOHN J. MCMANN Designer, Lowell Carpet Co.
68 Chauncy St., Boston, Mass.
†HERMANN W. MEIERHARDT Engraver of Jewelry.
Boston, Mass.
WILLIAM V. O'LEARY Designer.
New York, N. Y.
WILLIAM H. C. PIERCE Instructor of Drawing, Chaffey Col-
Ontario, Cal. lege, Ontario.
HELEN A. SMILEY Teacher of Drawing.
Oakland, Me.
FLORENCE M. STARBUCK Teacher of Drawing, Jamaica Plain.
630 Centre St., Jamaica Plain, Mass.
FRANK P. WOODS Dry Goods Merchant.
Calais, Me.

1880.

†MARIA T. BAKER (*Married*),
Providence, R. I.
LIZZIE F. BURNES (*Married*) Mrs. L. F. Thomson.
29 Terrace St., Roxbury, Mass.
MARY T. F. COOK Married.
East Boston, Mass.
ABRAHAM DOOLITTLE Designer, Ames Sword Co., Chicopee.
Chicopee, Mass.
CLARENCE H. LEWIS Decorator, N. E. Glass Works.
East Cambridge, Mass.
PHILIP LITTLE Artist (Water Colors).
10 Chestnut St., Salem, Mass.
†FREDERICK R. TOWER Doctor of Medicine.
New York, N. Y.
HENRY S. WHITE Deceased.
183 W. Brookline St., Boston.

1881.

JAMES B. BOARDMAN,
Colorado Springs, Col.
LEILA D. COLLINS,
Chester, Penn.
ABBIE A. FRENCH Teacher of Drawing.
Franklin Falls, N. H.
GRACE A. FRENCH Teacher of Drawing and Painting.
Rapid City, So. Dak.
ELLA C. FROST Designer.
Dedham, Mass.
GUSTAVE B. KIANDER Furniture Designer.
2 Eliot Sq., Boston, Mass.
CLARA M. LEEMAN (*Married*),
Middletown, Conn.
JOHN T. MCBARRON Carpet Designer and Decorator.
Boston, Mass.

LOUISA M. ORDWAY (*Married*) . . . Mrs. L. O. Tead.
 8 Aldersey St., Somerville, Mass.
 †ANDREAS SÄSSE Designer, American Print Works.

FIDELIA SHELDON Teacher of Painting.
 Beverly, Mass.
 FRANK L. TAINTER With Parker, Holmes & Co. (Boots
 141 Federal St., Boston, Mass. and Shoes.)
 *ALBERT F. URBAN Deceased.
 LUCY W. VALENTINE Carpet Designer, Lowell M'f'g Co.
 68 Chauncy St., Boston, Mass.
 EDWARD F. WHITMORE Ass't Supt., Putnam Woolen Co.
 Putnam, Conn.

1882.

WINTHROP E. BENNER Designer, Johnson M'f'g Co.
 3 Church Place, No. Adams, Mass.
 †MABEL J. BOYD (*Married*),
 Medford, Mass.
 HENRY F. BRYANT Designer and Decorator, with Barry
 Philadelphia, Penn. & Co.
 ALEXANDER B. CLOUGH Designer, Merrimac Print Works.
 70 Franklin St., Boston, Mass.
 WALTER T. DANA In Insurance Business.
 71 Kilby St., Boston, Mass.
 †EMMA F. DOWD (*Married*).

WILLIAM C. FISHER Supt. of Russell's Mills, Middletown,
 Atlantic Avenue, Boston. Conn.
 CHARLES GOWING Designer, Arnold Print Works.
 Leonard St., New York, N.Y.
 ARTHUR A. HASERICK Of the firm of Stoddard, Lovering
 152 Congress St., Boston, Mass. & Co., Importers.
 ARTHUR S. LELAND Of the firm of Leland, Towle & Co.,
 59 Congress St., Boston, Mass. Bankers and Brokers.
 GEORGE D. RICE Student at Tufts College, Writer on
 College Hill, Mass. Spinning and Weaving.
 †IDA C. ROGERS (*Married*),
 Hyde Park, Mass.
 JOHN SCOTT Designer, Plymouth Woolen Co.
 Plymouth, Mass.
 LUCIUS E. SHATTUCK Designer, Arnold Print Works.
 67 Chauncy St., Boston.
 REUBEN SIMMONS With Chas. Green & Co., Merchant
 581 Washington St., Boston, Mass. Tailors.

1883.

THOMAS D. AYLWARD	Portrait Artist.
1742 Washington St., Boston, Mass.	
GEORGE H. BAKER	Interior Decorator, with Henry A.
29 West St., Boston, Mass.	Turner & Co.
EDWARD D. CHANDLER	Public Carpet Designer.
83 North Ave., Cambridge, Mass.	
SOLOMON F. CUSHMAN, Jr.	With S. F. Cushman, Manufacturer of
Monson, Mass.	Fancy Cassimeres.
FRED. W. DILLON	With Springfield Woolen Mills.
Springfield, Mass.	
ERIC ERICKSON	Designer, Pacific Mills.
319 Broadway, New York, N. Y.	
EDWIN C. FOSS	Designer of Art Embroideries.
10 Tremont St., Boston, Mass.	
WALTER H. HERSEY	With No. Andover Woolen Mills.
No. Andover, Mass.	
ANNIE W. MENNIG	Teacher of Music.
Clay St., Boston, Mass.	
HERBERT W. MUNN	With Gregory & Brown, Interior Dec-
18 West St., Boston, Mass.	orators.
GERTRUDE RAUSCH	Assistant Kindergartner, Quincy St.
6 Harvard Place Brookline, Mass.	School, Roxbury.
WILLIAM H. WEEKS	Designer for J. D. Clapp (embroid-
1 Music Hall Place, Boston, Mass.	eries).
EMILY M. WHITTEN	Teacher of Painting.
Lowell, Mass.	
FRED N. WILLIAMS	Teacher of Drawing.
Chicago, Ill.	
CARRIE M. WINKLEY	Student, School of Drawing and Paint-
Woburn, Mass.	ing, Art Museum.

1884.

MORTON F. BEAL	Designer, Lowell Carpet Co.
68 Chauncy St., Boston, Mass.	
WILLIS S. CARTER	Teacher of Drawing.
N. Woburn, Mass.	
HENRY S. CODMAN	Of the firm of F. L. Olmsted & Co.,
Brookline, Mass.	Landscape Architects.
JOHN P. CUSHING,	
170 Beacon St., Boston, Mass.	
CHARLES E. FOLGER	Book-keeper and Designer for C. F.
New Bedford, Mass.	Folger.
E. S. HAMER	Traveling Salesman for Crompton
Worcester, Mass.	Loom Works.
FLORENCE M. KNOWLES	Teacher of Drawing.
New York, N. Y.	

ELLA M. LOVERING (*Married*) . . . Mrs. E. M. Stark.
 392 Fifth St., South Boston, Mass.

F. H. McCAFFERTY With Westerly Woolen Mill.
 Westerly, R. I.

J. M. MARCUSE With Marysville Woolen Mill.
 Marysville, Cal.

GEORGE H. NAWN Designer, with the Henry Dibblee Co.
 266 Wabash Ave., Chicago, Ill.

FRED C. PACKARD Scenic Artist.
 Tappan St., Roslindale, Mass.

HENRY R. REYNOLDS, Jr. Clerk, Faneuil Hall Nat'l Bank.
 Newton Centre, Mass.

HENRY M. ROBERTS Designer, with Hamilton Co.
 99 Chauncy St., Boston, Mass.

FRANK O. SPEAR With Bradley Fertilizer Co.
 27 Kilby St., Boston, Mass.

CHARLES G. STRATTON Superintendent, Curtis M'f'g Co.
 42 Webster St., Worcester, Mass.

EDWARD F. STUDLEY Designer, with A. B. Linnemann.
 28 Chauncy St., Boston, Mass.

*WILLIAM TILLEY Deceased.

†REBECCA S. TYLER,
 Westboro, Mass.

MARY K. WEBSTER Book-keeper, Amoskeag M'f'g Co.
 Manchester, N. H.

1885.

IDA A. BRAINERD (*Married*),
 Hyde Park, Mass.

SARAH A. DREW Designer and Teacher.
 Western Ave., Cambridgeport, Mass.

LAURA J. FISKE Teacher of Drawing and Painting,
 Cape Town, So. Africa. Ladies' Seminary.

LEWIS G. FLAGG Designer, with Phipps, Slocum & Co.,
 9 Park St., Boston, Mass. Stained Glass.

NELLIE F. GAGE Designer.
 9 Park St., Charlestown, Mass.

GEO. O. IRISH With Lowell Carpet Co.
 Lowell, Mass.

SARAH N. MACOMBER Teacher.
 Newbury St., Boston, Mass.

FRANK H. MARTIN Decorator and Architect.
 Providence, R. I.

FRED W. NOYES Public Designer.
 2045 No. 12th St., Philadelphia, Pa.

ULYSSES S. G. RAWLINGS Designer, Roxbury Carpet Co.
 3114 Washington St., Boston, Mass.

†JAMES F. SMITH,
 Paris, France.

FRED A. SPRINGER Designer, Sanford Mills.
 Sanford, Me.
 WILL C. SWAIN Designer, at home.
 Worcester, Mass.
 GEO. A. D. TEW Designer, Pratt Institute, Brooklyn.
 New York, N. V.
 WALTER A. UNDERWOOD . . . Clerk in Broker's Office.
 66 State St., Boston, Mass.
 †ABBA I. WARD (*Married*),
 Sanford, Me.
 MARY A. WHITE,
 Chelsea, Mass.
 EMILY H. WILSON Designer and Photograph Finisher.
 Santa Barbara, Cal.

1886.

†EDWIN B. GOERING,
 Boston, Mass.
 MABEL M. HOYT Designer of Embroidery.
 Chelsea, Mass.
 W. F. POPE Architect.
 Leominster, Mass.
 EVERETT M. W. RICKER . . . With City Collector, Boston.
 Jamaica Plain, Mass.
 WESTERN UNDERWOOD . . . Public Designer.
 2045 N. Twelfth St., Philadelphia, Pa.
 LILLIAN W. WHIPPLE . . . Salem Post Office.
 Salem, Mass.
 JOHN H. WILSON Reporter.
 Jamaica Plain, Mass.

1887.

THOMAS B. AKIN Fresco Painter.
 New Bedford, Mass.
 ALBERT BRYANT With W. A. Slater, Jewett City, Conn.
 Melrose, Mass.
 WILLIAM A. CODDING . . . Designer for Strahan Wall Paper Co.
 New Bedford, Mass.
 †FRANK CROWTHER Designer.
 Canton, Mass.
 MARION B. CURTIS Designer and Teacher.
 Boston, Mass.
 FRED W. GREEN Designer, Pacific Mills.
 Boston, Mass.
 WALTER C. HADLEY . . . Designer, American Print Works,
 New Bedford, Mass. New York City.
 NELLIE L. HAWES,
 Dorchester, Mass.

PHILIP B. JENNINGS Designer, Arnold Print Works, New
Warren, Mass. York City.
FRANK C. MATHEWSON Artist.
Paris, France.
JAMES L. G. RAND Designer, Oriana Mills, Philadelphia,
Dover, N. H. Penn.
WILLIAM C. SHEEHY Physician.
New Bedford, Mass.
WILLIAM C. SMITH Designer, Star Mills, Middleboro.
Taunton, Mass.
JOSEPH C. STEDMAN Physician.
Jamaica Plain, Mass.
MARY R. SWEET (*Married*),
Hyde Park, Mass.

1888.

GRACE C. BLOOD (*Married*),
Lowell, Mass.
ELLA C. COFFEY,
Boston, Mass.
LUONA COHN With Laura Wheeler.
New York, N. Y.
FRED A. EMERY Designer, Roxbury Carpet Mills.
Roxbury, Mass.
WINIFRED FOSTER Designer, Arnold Print Works, New
Fitchburg, Mass. York City.
WILLARD C. FOWLE Carpet Designer.
Woburn, Mass.
RUSSEL B. HENCHMAN, Jr. . . Designer of Prints and Enamel Cloth.

THOMAS E. KNOWLAND . . . Carpet Designer.
Middleboro, Mass.
BELLE LAMPREY Designer and Teacher in Water Colors.
Charlestown, Mass.
FRED H. LAWRIE Designer, Arnold Print Works,
Medford, Mass. 67 Chauncy St., Boston.
ANNETTE S. SMITH,
East Boston, Mass.
HERBERT W. TIRRELL . . . Engraver and Designer.
Weymouth, Mass.
FRANCES E. TURNER,
Boston, Mass.
CARLETON J. UNDERWOOD . . Designer, Arnold Print Works, New
Groton, Mass. York City.

1889.

GRACE T. BAKER (*Married*),
Quincy, Mass.
CHARLOTTE E. HOWELL . . . Designer of Wall Paper.
Millville, N. J.

WILLIAM C. HUNT	Designer, Pacific Mills. New Bedford, Mass.
MICHAEL J. LYNCH	Fresco Designer. Boston, Mass.
ANNIE H. NEWTON	Designer, Russell's Mills, Middletown, Cambridge, Mass.
WINSLOW A. PARSONS	Designer, Merrimac Print Works. Saugus, Mass.
LIZZIE PHILBRICK	Designer of Wall Paper. Newton Centre, Mass.
CHARLES ERNEST SANFORD	Designer, Merrimac Print Works. Fall River, Mass.
CLARABEL STETSON, Roxbury, Mass.	
HATHORN J. THOMPSON	Designer, Pacific Mills. Elmira, N. Y.

1890.

JENNY BROOKS	Designer. Studio in Salem. Salem, Mass.
BENJAMIN KINGSBURY CARR	With Edward Dewson, Exchange Pl. Melrose, Mass.
LEONARD LINCOLN CAIN	Designer. West Hingham, Mass.
JEANNETTE HUNTER CHOATE	Designer, with Harding & Haus, Decorators, Washington St. West Somerville, Mass.
LOUIS WELLS CLARK	Assistant Instructor, Textile Dept., Lowell School of Design. Middleboro, Mass.
KATHERINE LAPPEN CONNER	Designer, L. Prang & Co. South Boston, Mass.
CLINTON MURDOCK HILL	With W. G. Preston, Architect, Bos- ton. Saugus, Mass.
WILLIAM FERDINAND MEEHAN	Designer, Arnold Print Works, New York City. Melrose Highlands, Mass.
FRED C. MOORE	Designer, Arnold Print Works, New York City. Newton Highlands, Mass.
FRANK LESLIE RAY	Designer for Torrey, Bright & Capen. Eastport, Me.
WILLIAM FRANK SIDELINGER	With Wm. J. McPherson, Decorative Painter, Stained Glass. Quincy, Mass.
WARREN FREEMAN SNOW	At home. Brewster, Mass.
ELIZABETH MORE THACHER	Studio in Dorchester. Dorchester, Mass.
ALVAH BICKFORD THOMPSON	Designer, Arnold Print Works, New York City. Denver, Col.
FREDERICK W. WEST	Designer, Pacific Mills, Boston. Haverhill, Mass.

1891.

- CHARLES CUMMINGS McDUFFIE . . . With Arnold Print Works, New York.
Haverhill, Mass.
- HARRY FULLER MEANS . . . With Arnold Print Works, New York.
South Boston, Mass.
- LOUIS HENRY BROWN . . . With Worcester Carpet Co.
Leominster, Mass.
- WILLIAM WINFIELD DANSEREAU,
Marlboro, Mass.
- FRED ALONZO LUCE,
Haverhill, Mass.
- MARY WHEELOCK LYMAN,
Bolton, Mass.
- MAUD AUGUSTA ALLEN . . . With Harding & Haus, Novelties,
4 Grosvenor St., Roxbury, Mass. Designs, Washington St.
- MYRON PORTER FORD . . . With Joy, Langdon & Co., Boston.
East Weymouth, Mass.

